

# SEQUENCE LISTING

<110> Donovan, Stephen

<120> METHODS FOR TREATING INFLAMMATION PAIN

<130> D-3018

<140> N/A

<141> 2002-02-21

<160> 18

<170> PatentIn Ver. 2.1

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<213> Unknown Organism

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<223> Description of Unknown Organism: This fragment is a substance P and is very well known in the art.

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<221> MOD\_RES

<222> (10)

<223> Xaa at position 10 is Methionine amide;

<300>

<310> 5891842

<311> 1996-04-12

<312> 1999-04-16

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<213> Unknown Organism

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<223> Description of Unknown Organism: Precursor to substance P, which is very well known in the art.

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<311> 1996-04-12

<312> 1999-04-16

<300>

<301> Shimonka, et al.

<303> J. Neurochem.

<304> 52

<306> 81-92

<307> 1992

<400> 2

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly  
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in the art.

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<303> J. Neurochem.

<304> 52

<306> 81-92

<307> 1992

<400> 3

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 a precursor to substance P and is very well known  
 in the art.

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 substance P.

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 <223> Xaa at position 12 is Glycine Methyl Ester;

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<300>  
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 <303> Eur. J. Biochem.  
 <304> 114  
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<307> 1981

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<301> Pernow, B.

<303> Pharmacol. Rev.

<304> 35

<306> 86-138

<307> 1983

<300>

<301> Regoli, et al.

<303> TIPS

<304> 9

<306> 290-295

<307> 1988

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Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Xaa

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 <307> 1983

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<306> 86-138

<307> 1983

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<301> Regoli, et al.

<303> TIPS

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<306> 290-295

<307> 1988

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Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Lys Xaa

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: This is a  
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<223> Xaa at position 12 is Glycine Ethyl Ester;

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<307> 1981

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<307> 1983

<300>  
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<307> 1988  
  
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<304> 9  
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<210> 10  
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<300>  
<301> Regoli, et al.  
<303> TIPS  
<304> 9  
<306> 290-295  
<307> 1988



<400> 10

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Lys Xaa  
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<210> 11

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<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: This is a  
naturally occurring amino terminal peptide fragment  
derived from substance P.

<220>

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<222> (1)..(4)

<223> This sequence is made up by the first four amino  
acids of substance P.

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<303> Nature

<304> 262

<306> 784-785

<307> 1986

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<304> 10

<306> 1309-1318

<307> 1990

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Arg Pro Lys Pro  
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<213> Unknown Organism

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derived from substance P.

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<222> (1)..(7)  
<223> This fragment is made up of the first seven amino  
acids of substance P.

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<307> 1986

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<307> 1990

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<213> Unknown Organism

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acids of substance P.

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<306> 784-785  
<307> 1986

<300>  
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<213> Artificial Sequence

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analog of substance P

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<223> Xaa at position 2 is D-form of Proline;

<220>  
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<222> (7)  
<223> Xaa in position 7 is D-form of Phenylalanine;

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<222> (9)  
<223> Xaa in position 9 is D-form of Tryptophan;

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 <221> MOD\_RES  
 <222> (11)  
 <223> Xaa in position 11 is Methionine amide;  
  
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 <303> Biochem. Pharmacol.  
 <304> 37  
 <306> 41-  
 <307> 1988  
  
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       Dam, T.V.  
 <303> Regulatory Peptides  
 <304> 22  
 <306> 18-  
 <307> 1988  
  
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 <223> Xaa in position 2 is D-form of Proline;  
  
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 <222> (7)  
 <223> Xaa in position 7 is D-form of Phenylalanine;

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 <221> MOD\_RES  
 <222> (9)  
 <223> Xaa in position 9 is D-form of Tryptophan;

<300>  
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<300>  
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 <303> Biochem. Pharmacol.  
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 Dam, T.V.  
 <303> Regulatory Peptides  
 <304> 22  
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 <307> 1988

<400> 15  
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           1                  5                  10

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<220>  
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<220>  
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 <223> Xaa in position 2 is D-form of Proline;

<220>  
 <221> MOD\_RES  
 <222> (7)

**TUESDAY**

<221> MOD RES

<223> Xaa in position 9 is D-form of Tryptophan;

&lt;221&gt; MOD RES

<223> Xaa in position 11 is Methionine amide:

<310> 5891842

<312> 1999-04-16

<301> Lavielle, et al.

&lt;303&gt; Biochem. Pharmacol.

<304> 37

<306> 41-

<307> 1988

<301> Quirion, R.

Dam, T.V.

### <303> Regulatory Peptides

<304> 22

<306> 18-

<307> 1988

Arg Xaa Lys Pro Gln Gln Xaa Phe Xaa Leu Xaa

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<221> MOD RES

<222> (2)  
 <223> Xaa in position 2 is D-form of Proline;

<220>  
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 <223> Xaa in position 7 is D-form of Tryptophan;

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 <223> Xaa in position 9 is D-form of Tryptophan;

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 Arg Xaa Lys Pro Gln Gln Xaa Phe Xaa Leu Met Gly  
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 <307> 1988

<400> 18  
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